

Converting Colors

Android(4285024981)

Have a look what the booklet for
Android(4285024981) contains.

Android(4285024981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285024981)

Conversions

Conversions Part 1

Format	Color
Hex	684AD5
RGB	104, 74, 213
RGB Percent	41%, 29%, 84%
CMY	0.5922, 0.7098, 0.1647
CMYK	0.51, 0.65, 0.00, 0.16
HSL	253°, 62%, 56%
HSV	253°, 65%, 84%
XYZ	20.1679, 12.6447, 64.3285
YIQ	98.8160, -26.7390, 49.5890

Conversions

Conversions Part 2

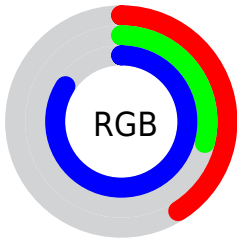
Format	Color
RYB	104, 74, 213
Decimal	6834901
CIELab	42.22, 47.26, -67.44
CIELCh	42, 82.350, 305.026
Yxy	12.6447, 0.2076, 0.1302
Android (android.graphics.Color)	4285024981 (0xFF684AD5)
YUV	98.8160, 56.2927, 4.5464
Hunter-Lab	35.5594, 39.0095, -82.3666

Details

The Android color `4285024981` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted purple. A complement of this color would be `4290237770`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4288904703`, and `4280687261` is the 20% darker color. If you saturate the color by 10%, you get `4283905493`, and if you desaturate by 10%, it is `4286144469`.

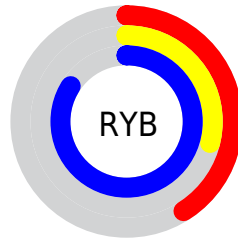
Distribution



Red (41%)

Green (29%)

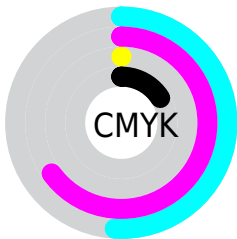
Blue (84%)



Red (41%)

Yellow (29%)

Blue (84%)

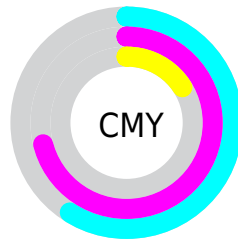


Cyan (51%)

Magenta (65%)

Yellow (0%)

Black (16%)



Cyan (59%)

Magenta (71%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285024981 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4285024981 by changing the saturation by 10% instead.

 4285024981

 4285024981

4294967295

 4282987193

 4288904703

 4280687261

 4290877439

 4278190466

 4292850431

 4278190184

 4294823679

 4278190159

 4294961919

 4278191415

 4278190625

 4278190086

 4278190080

■ 4285024981

■ 4285024981

■ 4283905493

■ 4286144469

■ 4282851285

■ 4287198677

■ 4281731797

■ 4288318165

■ 4281204949

■ 4289437653

■ 4290557141

■ 4291611349

■ 4292730837

■ 4293850325

■ 4294901717

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278217454



4285024981



4290379934

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4285024981



4289087488



4278222446

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4285024981



4290237770

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278221603



4285024981



428555968

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4285024981



4291428633



4280120320



4278222513

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4285024981



4291821682



4280120320



4278222166

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4285024981



4292332799



4283087317



4285030784



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4285024981



4284692735



4289415893



4284702827



4280615083



4278779947

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4292168375



4294916308



4285846858



4285227113



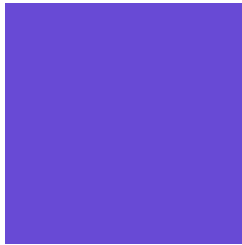
4289396870



4281008162

Previews

White Background



This preview shows how the Android color 4285024981 looks on a white background.

Color Contrast Check

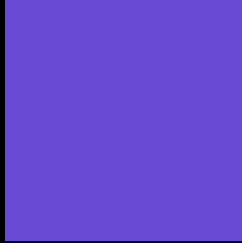
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4285024981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4285024981 Background



This preview shows how black text looks on a background with the Android color 4285024981.



This preview shows how white text looks on a background with the Android color 4285024981.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

4285024981

Protanopia

4278214859

Deuteranopia

4278216367

Trichromacy



Original Color
4285024981



Protanomaly
4280703183



Deuteranomaly
4280704189



Tritanomaly
4283719061

Monochromacy



Original Color
4285024981



Achromatopsia
4284703587



Achromatomaly
4284832396

CSS Examples

Text

The CSS property to change the color of the text to Android 4285024981 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 74, 213)` looks like.

```
.text, #text, p{  
    color:rgb(104, 74, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 74, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 74, 213) }
```

Border

The CSS property to change the border of an element to Android 4285024981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 74, 213) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 74, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 74, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 74, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 74, 213);  
box-shadow:4px 4px 4px 4px rgb(104, 74,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4285024981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 74, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104, 74,  
213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor